

STANDARDS PRESENTATION
TO
CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD

Attachment No. 1

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PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Amend Section 2320.2 to read:

§2320.2. Energized Equipment or Systems.

(a) Work shall not be performed on exposed energized parts of equipment or systems until the following conditions are met:

(1) Responsible supervision has determined that the work is to be performed while the equipment or systems are energized.

(2) Involved personnel have received instructions on the work techniques and hazards involved in working on energized equipment.

(3) Suitable personal protective equipment has been provided and is used. Approved insulated gloves shall be worn for voltages in excess of 250 volts to ground.

(4) Suitable barriers or approved insulating material shall be provided and used to prevent accidental contact with energized parts.

(5) Suitable eye protection has been provided and is used.

(6) Where required for personnel protection, suitable barricades, tags, or signs are in place.

(7) Each employee who is exposed to the hazards of flames or electric arcs wears apparel that, when exposed to flames or electric arcs, does not increase the extent of injury that would be sustained by the employee. This subsection prohibits clothing made from the following types of fabrics, either alone or in blends, unless the employee can demonstrate that the fabric has been treated with flame retardant: acetate, nylon, polyester, and rayon.

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Note: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.

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PROPOSED STATE STANDARD,
TITLE 8, CHAPTER 4

Amend Section 2941 to read:

§ 2941. Work on or in Proximity to Overhead High Voltage Lines.

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(f) Working on Conductors or Equipment Energized at 600 Volts or More.

(1) Employees shall not be permitted to touch or work on exposed energized conductors or equipment except when wearing suitable insulating gloves with protectors, or when using other suitable devices. Only rubber gloves labeled as being manufactured and tested to meet ASTM D120-95, Standard Specification for Rubber Insulating Gloves, for the potential voltage exposure shall be used. Rubber gloves shall not be considered suitable devices when working on conductors or equipment energized in excess of 21,000 volts.

(A) When working with rubber gloves on primary conductors or equipment energized in excess of 7,500 volts, insulate/isolate procedures shall be used. Working directly from wooden poles or grounded structures shall not be permitted, unless working from an approved insulated platform. Documentation shall be maintained verifying that the employee is trained in insulate/isolate work procedures.

(B) All exposed energized high or low voltage conductors or equipment, communications conductors, grounded structures, grounded guy wires and metallic grounded equipment, within reach of any part of the body, shall be covered with suitable protective equipment or barricaded.

EXCEPTION: Parts of the conductor or equipment and the supporting pole or tower on which work is to be performed.

(C) Only approved devices shall be used for picking up or dropping load and when making or breaking parallel circuits.

(D) When working with rubber gloves on primary conductors or equipment energized in excess of 7,500 volts from an aerial lift/digger derrick, a qualified person trained in first aid/CPR, radio procedures, use of aerial lift positioning controls and rescue procedures shall be present on the ground. The qualified person shall have access to the lower horizontal and vertical positioning controls of the aerial lift/digger derrick in case of an emergency.

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Note: Authority cited: Section 142.3, Labor Code. Reference: Section 142.3, Labor Code.